



KOREAN PATENT ABSTRACTS(KR)

Document Code:A

(11) Publication No.1020020076361 (43) Publication Date. 20021011

(21) Application No.1020010016139 (22) Application Date. 20010328

(51) IPC Code:

H01J 29/76

(71) Applicant:

SAMSUNG ELECTRO-MECHANICS CO., LTD.

(72) Inventor:

KIM, JEONG SEOP

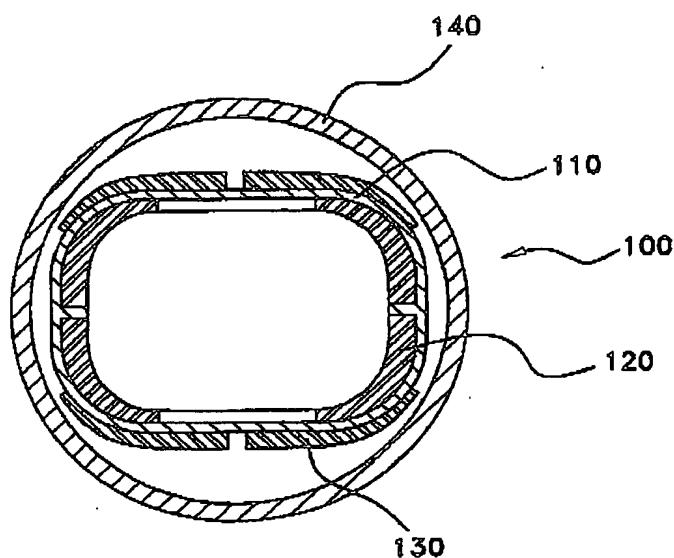
KIM, SEONG CHUN

LEE, CHEONG MUN

(30) Priority:

(54) Title of Invention
DEFLECTION YOKE

Representative drawing



(57) Abstract:

PURPOSE: A deflection yoke is provided to obtain magnetic field characteristics for improving deflection sensitivity of electron beam, while reducing power consumption and improving product quality and reliability.

CONSTITUTION: A deflection yoke comprises a coil separator (110), a horizontal deflection coil(120) and a vertical deflection coil(100), and a ferrite core(140). The coil separator (110) includes a screen part coupled to a screen of a cathode ray tube and a neck part formed integrally with the screen part and coupled to an electron gun part of the cathode ray tube. The coil separator has an opening with a rectangular cross section. The horizontal deflection coil(120) and the